

## CLAIMS

1. A method for producing an electrolytic capacitor obtained by winding an anode electrode foil, a cathode electrode foil and a separator to form a electrolytic capacitor and impregnating the electrolytic capacitor with a electrolyte solution, and housing it in an outer case, characterized in that a electrolyte solution containing aluminum tetrafluoride salt is used as said electrolyte solution, and that the moisture content of the capacitor element of 0.7% by weight and less is controlled in a production process after the electrolytic capacitor is impregnated with the electrolyte solution.
2. A method for producing an electrolytic capacitor according to claim 1, wherein an electrode foil subjected to a phosphate treatment is used as the anode electrode foil or the cathode electrode foil.
3. A method for producing an electrolytic capacitor according to claim 1, wherein a partial cross-linking peroxide butyl rubber that peroxide is added as cross-linking agent to a butyl rubber polymer comprising a copolymer of isobutylene, isoprene, and divinylbenzene is used as the sealing member.